

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

Date/Time: March 12, 2003/ 13:00

Site Contact(s): David Strand
Phone: 303-966-6422

Regulatory Contact: David Kruchek
Phone: 303-692-3328

Agency: Colorado Department of Public Health and Environment

Purpose of Contact: UBC 371/374 Soil Conditions Under Building (IA Groups 300-3 & 300-4)

Discussion

After coring through the floor slabs of Buildings 371 and 374 at several sample locations, it was discovered by the field teams that a fine-grained, well-sorted layer of construction sand exists uniformly beneath the two buildings. The sand is (in most cases) without any clay matrix, is partially saturated, and of undetermined depth(s). The field team attempted to hand-auger through the sand to contact any underlying soil, but was unsuccessful. The sand was augered through to a depth of approximately 36-inches before refusal. Voids between the slab bottom and top of underlying sand also exist in most locations.

On 3/12/03, I spoke with David Kruchek regarding this issue. He and I agreed that the first 6-inches of sand or soil would be collected beneath the slab (as directed by IASAP Addendum #IA-03-01), unless very coarse sand or gravel is encountered. In this instance, all efforts would be made to remove or bypass the gravel layer to access underlying soils for sample collection as has been routinely done in other buildings around the Site as part of UBC characterization.

At the six sample locations already collected at the time of this correspondence, field teams returned to each of those locations and attempted to collect native soil beneath the sand, as described above. These efforts were unsuccessful as the sand layer is greater than 3-feet in thickness at these locations.

Contact Record Prepared By: David Strand

Required Distribution:

S. Bell, RFFO
L. Brooks, K-H ESS
L. Butler, K-H RISS
C. Deck, K-H Legal
R. DiSalvo, RFFO
S. Gunderson, CDPHE
J. Legare, RFFO

D. Mayo, K-H RISS
J. Mead, K-H ESS
S. Nesta, K-H RISS
K. North, K-H ESS
T. Rehder, USEPA
D. Shelton, K-H
C. Spreng, CDPHE

Additional Distribution

(choose names as applicable):

M. Broussard, K-H RISS
J. Hindman, CDPHE
G. Kleeman, USEPA
D. Kruchek, CDPHE
L. Norland, K-H RISS
A. Primrose, K-H RISS
E. Pottorff, CDPHE
S. Tower, DOE

Contact Record 6/20/02
Rev. 6/20/02

